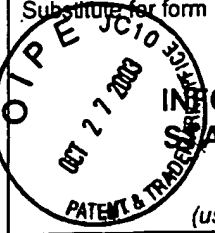


Please type a plus sign (+) in this box ☒Approved for use through 05/31/2003. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/623,211
				Filing Date	07/18/2003
				First Named Inventor	Mark C. Doyle
				Group Art Unit	Unknown
				Examiner Name	Unassigned
Sheet	1	of	2	Attorney Docket Number	706737.4007

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ²			
	1	3,306,290	A	Weltman	02/28/1967	
	2	4,767,413	A	Haber et al.	08/30/1988	
	3	4,820,275	A	Haber et al.	04/11/1989	
	4	4,923,447	A	Morgan	05/08/1990	
	5	4,927,416	A	Tomkiel	05/22/1990	
	6	4,932,947	A	Cardwell	06/12/1990	
	7	4,955,868	A	Klein	09/11/1990	
	8	5,059,184	A	Dyke	10/22/1991	
	9	5,088,986	A	Nusbaum	02/18/1992	
	10	5,176,656	A	Bayless	01/05/1993	
	11	5,201,708	A	Martin	04/13/1993	
	12	5,201,720	A	Borgia et al.	04/13/1993	
	13	5,242,420	A	Martin	09/07/1993	
	14	5,273,541	A	Malenchek	12/28/1993	
	15	5,433,712	A	Stiles et al.	07/18/1995	
	16	5,492,536	A	Mascia	02/20/1996	
	17	5,562,624	A	Righi et al.	10/08/1996	
	18	5,562,626	A	Sanpietro	10/08/1996	
	19	5,573,513	A	Wozencroft	11/12/1996	
	20	5,695,475	A	Best, Jr. et al.	12/09/1997	
	21	6,159,184	A	Perez et al.	12/12/2000	
	22	6,171,283	B1	Perez et al.	01/09/2001	
	23	6,186,980	B1	Brunel	02/13/2001	
	24	RE37,439	E	Firth et al.	11/06/2001	
	25	6,319,234	B1	Restelli et al.	11/20/2001	
	26	6,613,022	B1	Doyle	09/02/2003	
	27	6,623,459	B1	Doyle	09/23/2003	

Examiner Signature	DOCSOC1/148388.1	Date Considered	04/12/2005
--------------------	------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

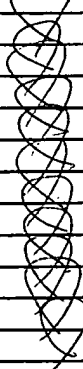
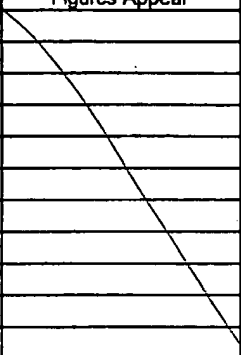
¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) in this box ☐Approved for use through 05/31/2003. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/623,211
				Filing Date	07/18/2003
				First Named Inventor	Mark C. Doyle
				Group Art Unit	Unknown
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	706737.4007

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	Pages, Columns, Lines, Where Relevant . Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
	28	EP	0 405 039	A1	Poirier	01/02/1991		
	29	EP	0 680 767	A1	Righi et al.	11/08/1995		
	30	WO	91/18634	A1	Medway	12/12/1991		
	31	WO	93/00949	A1	Romagnoli	01/21/1993		
	32	WO	93/17732	A2	Kuracina et al.	09/16/1993		
	33	WO	98/35714	A1	Restelli et al.	08/20/1998		
	34	WO	99/17823	A1	Perez et al.	04/15/1999		
	35	WO	99/32177	A1	Malenchek et al.	07/01/1999		
	36	WO	99/37345	A1	Restelli et al.	07/29/1999		
	37	WO	00/33900	A1	Denis	06/15/2000		
	38	WO	00/76565	A1	Brunel	12/21/2000		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	DOCS001 143388.1 	Date Considered	04/12/2005
-----------------------	---	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.)). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.